





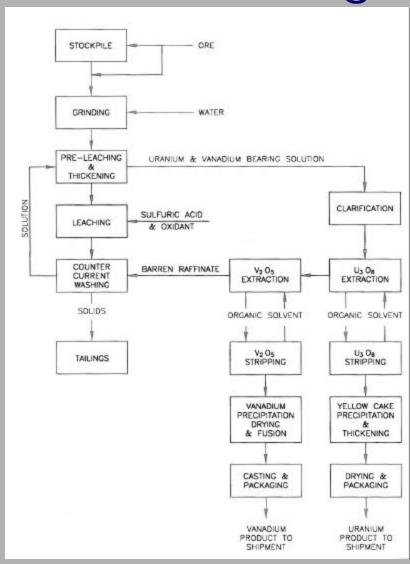


Production

- ◆ To Date Processed Over 3.8 Million Tons Ore to Recover 28.3 Million Pounds of U₃O₈ and Over 43 Million Pounds V₂O₅
- ◆ Over 1.1 Million Pounds of U₃O₈ Recovered from Alternate Feed Materials
- The Mill has also Produced Tantalum and Niobium from Alternate Feed Materials



Basic Flow Diagram





Operational Support

(Self Sufficient)

- ◆ Warehouse
 - Approximately \$1 Million Parts Inventory
- ◆ Laboratories
 - Metallurgical Laboratory
 - Analytical Laboratory
- ◆ Complete Maintenance Facility
- ◆ Over 100 Employees when in Operation
- ◆ Largest Industrial Employer in San Juan County

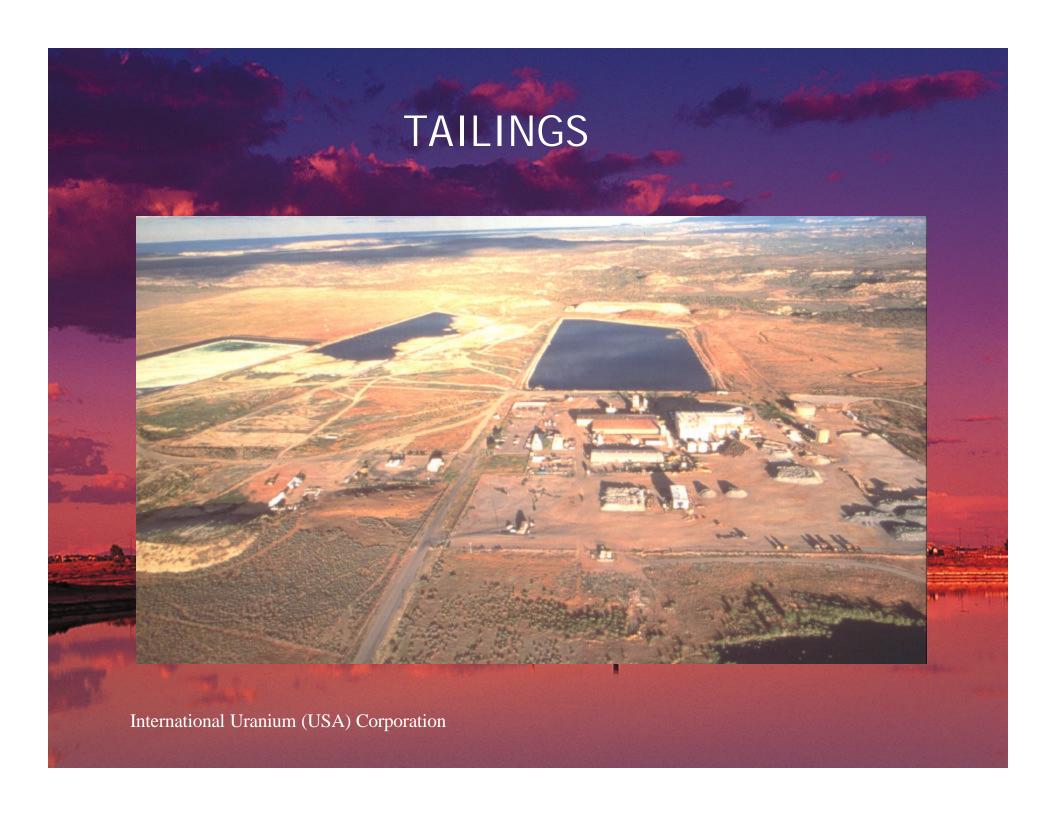
Environmental

- Over 20 Years of Data
- ◆ Five Air Monitoring Stations
- Ground and Surface Water Monitoring Program
- Soil & Vegetation Sampling
- ◆ Radiometric Surveys and Scans
- ◆ No Significant Contamination in Over 20 Years of Operation of the Mill

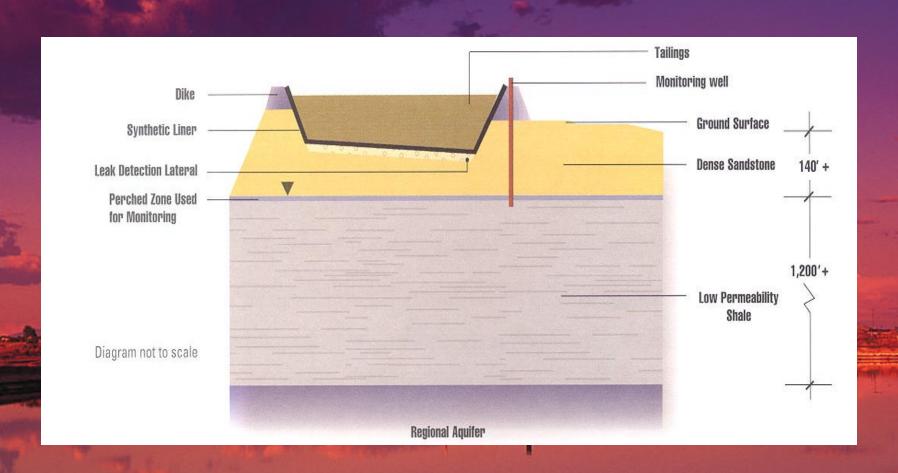


Tailings Management System (continued)

- Designed to Protect Groundwater from Radionuclides; Full Suite of RCRA Characteristic and Listed Wastes
- ◆ Subject to 10 CFR 40 Appendix A Criteria
- ◆ Conforms to EPA Regulations 40 CFR Part 192



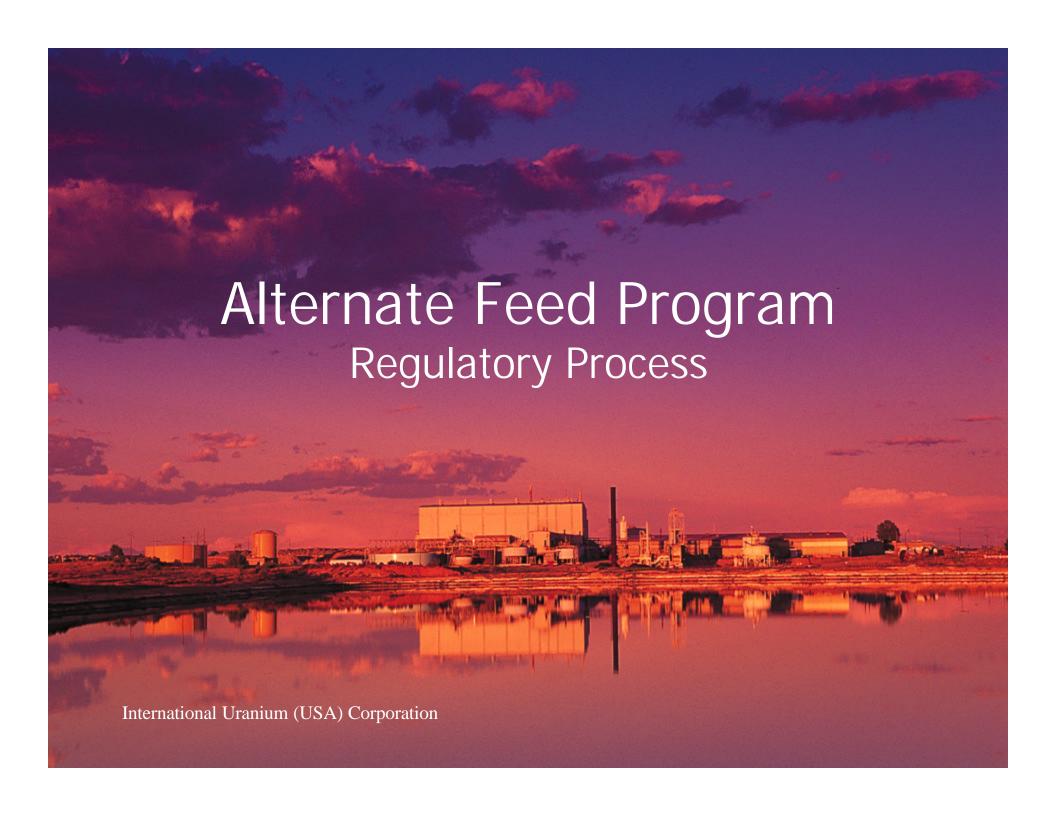
Site Hydrogeology





Alternate Feed Campaigns

- ◆ FUSRAP Materials
 - Soils, organic compounds, radionuclides
- ◆ DOE/NTS Concentrates
 - Slurry, 10% U, high water, low pH
- ◆ Nuclear Fuel Cycle Streams
 - Calcium fluoride matrix, 2-5% U
 - Fluoride/calcined byproduct
 - Potassium hydroxide, 6-8% U
 - Uranyl nitrate
- Cabot Residues
 - Tantalum/uranium residues





NRC Alternate Feed Guidance

- ◆ Meets Definition of "Ore"
- Contains no RCRA <u>Listed</u> Hazardous Waste
- Processed Primarily for its Source Material
- Processing Complies with 10 CFR Part 40
 Appendix A



- ◆ Radionuclides
- ◆ Mixed Waste
- ◆ Listed Hazardous Wastes No
- Characteristics of Hazardous Waste Yes
- ◆ Physical Characteristics
 - Particle Size
 - Moisture
 - Debris



Added Value of Recycling

- ◆ Flexibility
- Environmentally Superior
- ◆ Use of Valuable Resource Consistent with RCRA Intent
- Logical solution for DOE Wastes (like Cotter Concentrate), because Mill Site will Transfer to DOE for Long-Term Care